

THIN, THERMOSET, POLYURETHANE-
COVERED GOLF BALL WITH A DUAL CORE

ABSTRACT

5 A golf ball comprising a core and a cover disposed about the core, wherein the core
comprises a center and an outer core layer, and the cover comprises an inner cover layer and an
outer cover layer; and wherein the center has an outer diameter from about 0.375 inches to about
1.4 inches and deflection of greater than about 4.5 mm under a load of 100 Kg; the outer core
layer has an outer diameter of from about 1.4 in to about 1.62 in; the inner cover layer has an
10 outer diameter of greater than about 1.58 in and a material hardness of less than about 72 Shore
D; and the outer cover layer has a hardness of greater than about 50 Shore D and a material
hardness of less than about 50 Shore D.